

# **MATERIAL SAFETY DATA SHEET**

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**PRODUCT NAME: F2100**

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## **1. HAZARDOUS INGREDIENTS:**

<u>Chemical/Common Name</u>	<u>CAS#</u>	<u>% w/w</u>	<u>TLV/PEL</u>
Polyol	052019-35-9	45-55	not established (1,2)
Polyoxyalkyleneamine	9046-10-0	00-10	not established (1,2)
silicone surfactant	TRADE SECRET	00-05	not established (1,2)

(1)OSHA - (2)ACGIH

## **2. PHYSICAL AND CHEMICAL CHARACTERISTICS:**

Boiling Point:	not established	Specific Gravity:	1.04
Vap. Press:	not established	Appearance:	amber colored liquid
Sol. in Water:	soluble	Odor:	slight amine odor

## **3. PHYSICAL HAZARDS:**

Flash Point:	not determined	Flammable Limits:	UFL: N/D
Method Used:			LFL: N/D
Extinguishing Media:	water fog, foam, CO2, dry chemical		
Fire and Explosion Hazard:	low hazard		
Fire-fighting Equipment:	Turnout gear, self-contained breathing apparatus for protection against suffocation and toxic decomposition products.		
Stability:	stable		
Incompatibility:	alkali or alkaline earth metals, strong acids, copper, brass, elastomers		
Hazardous Decomposition Products:	CO2, CO, NOx, NHx, aldehydes, ketones, organic fragments		
Hazardous Polymerization:	No		

#### 4. PRECAUTIONS FOR SAFE HANDLING AND USE:

Handling: Containers should be tightly closed to prevent contamination with foreign materials and moisture. Employee education and training in the safe handling of this product are required under the Federal OSHA Hazardous Communication Standard.

Storage: Store in a dry place, between 65°F and 95°F.

Shelf Life: 6 months from date of manufacture.

Action for Spills/Leaks: Dike with absorbent material to contain spill, absorb with absorbent material and place in overpack for disposal.

Disposal Methods: Dispose of according to local, state and federal regulations.

#### 5. ROUTES OF ENTRY:

Skin, and Eye Contact

#### 6. HEALTH HAZARD INFORMATION:

HMIS rating: Health: 2 Fire: 1 Reactivity: 0

Acute Eye: Do not get in eyes. May cause irritation upon contact.

Acute Skin Contact: Avoid skin contact. May cause skin irritation upon contact

Acute Ingestion: The mixture may cause damage to mucous membranes if swallowed

Acute Inhalation: Avoid breathing vapor or mist. Short-term harmful health effects are not expected from vapor generated at ambient temperature.

Systemic & other effects: No known effects

Carcinogenicity: All components in this product are not listed by NTP, IARC, or regulated as a carcinogen by OSHA.

#### 7. FIRST AID:

Eyes: flush 15 min with water, see physician

Skin: wash with soap and water, see physician if irritation persists

Ingestion: do not induce vomiting, see physician

Inhalation: remove person to fresh air, consult medical personnel

**NOTE TO PHYSICIAN: If additional information about this mixture is required, contact ITW TACC at 810-245-2150.**

#### 8. CONTROL MEASURES:

Ventilation: Local exhaust ventilation or other engineering controls.

Respiratory Protection: Airborne concentrations should be kept to the lowest levels possible. A NIOSH/OSHA jointly approved organic or air supplied respirator is advised in the absence of proper environmental control

Skin Protection: Chemical resistant gloves, (latex, butyl rubber, nitrile rubber, polyvinyl alcohol). Cover as much of the exposed skin area as possible with appropriate clothing.

Eye Protection: Safety glasses with side shields, liquid chemical goggles or full-face shield. Do not wear contact lenses.

## 9. REGULATORY INFORMATION:

DOT:	Not regulated
TSCA:	All components in this mixture are listed on the inventory.
SARA Title III:	
Section 302:	None
Section 311/312:	Immediate (acute):Yes Delayed (chronic):No Fire:No Sudden release of pressure:No Reactive:No
Section 313:	None
RCRA:	The components of this product are not listed as hazardous wastes. To the best of our knowledge, this product does not meet the criteria of a hazardous waste if discarded in its purchased form. However, under RCRA, it is the responsibility of the user of products to determine at the time of disposal, whether a product meets any of the criteria for a hazardous waste. This is because product uses, transformations, mixtures processes; et cetera may render the resulting materials hazardous.
CERCLA:	Reportable Quantity requirements under 40 CFR 302.4: <b>NONE</b>
CALIFORNIA PROP 65:	Levels of listed materials present in this product: <b>NONE</b>
MASSACHUSETTS:	R-T-K Hazardous Substance List materials present in this product: <b>NONE</b>
PENNSYLVANIA:	R-T-K Hazardous Substance List materials present in this product: <b>NONE</b>

## 10. COMMENTS:

The information accumulated herein is believed to be accurate but is not warranted to be, whether originating with ITW TACC or not. Recipients are advised to confirm in advance of need that the info is current, applicable, and suitable to their circumstances.

For questions contact Technical Services.